Introduction

When setting up your television set for the first time, we advise you to use the quick installation guide included below.
Please read the following instructions carefully to familiarise yourself with all the features available on your set.
We hope our technology meets entirely with your satisfaction.

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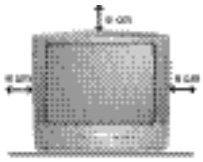
English

Recycling
The materials used in your set are either reusable or can be recycled.
To minimise environmental waste, specialist companies collect used appliances and dismantle them after retrieving any materials that can be used again (ask your dealer for further details).

Installing your television set



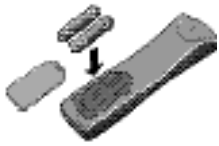
❶ Positioning the television set

Place your TV on a solid, stable surface, leaving a space of at least 5 cm around the appliance.

To avoid accidents, do not put anything on the set such as a cloth or cover, a container full of liquid (vase) or a heat source (lamp). The set must not be exposed to water.

❷ Connections

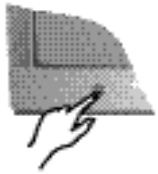
- Insert the aerial plug into the socket at the rear of the set.
  Smaller sets are equipped with an internal aerial. Under certain conditions, reception can be poor. You can improve it by repositioning the aerial. If the reception remains unsatisfactory, an external aerial should be used.
- Insert the mains plug into a wall socket (220-240 V / 50 Hz).



❸ Remote control

Insert the two R6-type batteries (supplied) making sure that they are the right way round.

The batteries supplied with this appliance do not contain mercury or nickel cadmium. Please do not discard your used batteries if you have access to a recycling facility (if in doubt, consult your dealer). When the batteries are replaced, use the same type.



❹ Switching on

To switch on the set, press the on/off key.

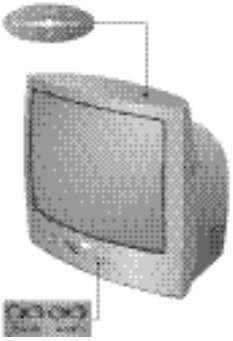
A red indicator comes on and the screen lights up.

Go straight to the chapter **Quick installation** on the following page.

If the television remains in standby mode, press P ⊕ on the remote control.

The indicator flashes when you use the remote control.

The keys on the TV set



The television set has 4 keys which are located on the front or the top of the set depending on the model.

The VOLUME - + (-◿+) keys are used to adjust the sound level.

The PROGRAM - + (- P +) keys are used to select the required programmes.

To access the menus, hold down the VOLUME - and VOLUME + keys simultaneously. Then use the PROGRAM - + keys to select an adjustment and the VOLUME - + keys to make the adjustment.

To exit from the menu, hold down the VOLUME - and VOLUME + keys for a few seconds.

Note: when the LOCK function is activated, these keys are unavailable (see page 6).

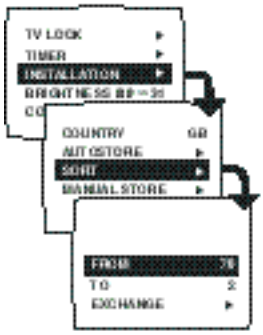
Tuning in to channels

Quick installation (first use)

The following operations are all described in the enclosed quick installation guide. We advise you to use it.
The first time you switch on the television, a menu appears on the screen. This menu asks you to choose the language of the other menus.
If the menu does not appear, hold down the PROGRAM- and PROGRAM+ keys (or ◿- and P-) on the set for 4 seconds to bring it up.

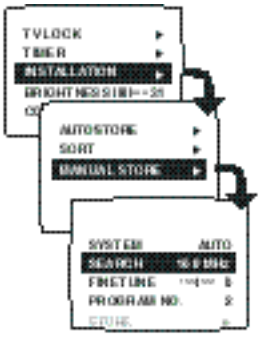
1. Use the keys numbered from ⓪ to ⑨ on the remote control to choose your language (for English, press ①). Another menu appears.
2. Select your country (for GB, press ⑨).
3. As soon as your country is entered, tuning in starts automatically.
   The operation takes a few minutes. A display shows the search status and the number of programmes found. When it has finished, the menu disappears and the last programme is displayed.
   If no programmes are found, refer to the chapter entitled Tips on p. 10.
4. If the transmitter or the cable network broadcasts the automatic sort signal, the programmes will be correctly numbered.
5. If not, the programmes found will be numbered in descending order starting at 99, 98, 97, etc. (or 79, 78, ...).
   Use the SORT menu to renumber them.
   Some transmitters or cable networks broadcast their own sort parameters (region, language, etc.). Where this is the case, make your choice using the ◁ ▷ keys and confirm with ⊂.

To renumber the programmes found



1. Press the MENU key. The main menu is displayed.
2. Press ◁ once to select INSTALLATION, then press ⊂.
   The INSTALLATION menu appears. The LANGUAGE option is activated.
3. Press ▷ 3 times to select SORT then press ⊂.
   The SORT menu appears. The FROM option is activated.
4. Select the programme you wish to renumber using keys ⊂ ⊂ or ⓪ to ⑨.
   Example: to renumber programme 78 as 2, press ⑦ ⑧.
5. Select option A (key ▷) and enter the new number with keys ⊂ ⊂ or ⓪ to ⑨ (for the example given, enter 2)
6. Select EXCHANGE (key ▷) and press ⊂. The message EXCHANGED appears, the exchange takes place (⊂ to cancel). In our example, programme 78 is renumbered as 2 (and programme 2 as 78).
7. Select the option FROM (key ◁) and repeat stages ❹ to ❻ as many times as there are programmes to renumber.
8. To exit from the menus, press ⊡.

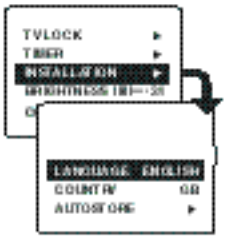
Manual tuning



This menu allows you to store the programmes one by one.

1. Press MENU. The main menu comes up on the screen.
2. Press ▲ once to select INSTALLATION then press ▶.
3. Select MANUAL STORE (▼) and press ▶.
   The MANUAL STORE menu appears.
4. Select SYSTEM *(only available on certain models)*. Use ▶ to choose UK (standard I), FRANCE (standard LL') or WEST- EU (standard BG reception).
5. Select SEARCH and press ▶. The search begins.
   As soon as a programme is found, the search will stop.
   If you know the frequency of the programme required, simply enter its number using keys 0 to 9.
   If no programme is found, refer to the Tips chapter on p. 10.
6. If reception is unsatisfactory, select FINE TUNE and press ◀ or ▶ to fine tune.
7. Select PROGRAM NO. and enter the required programme number using ◀ ▶ or 0 to 9.
8. Select STORE and press ▶.
   The message STORED appears. The programme has been stored.
9. Repeat steps 5 to 8 as many times as there are programmes to store.
   To exit the menus, press ⏻.

Other settings on the INSTALLATION menu



1. Press MENU. The main menu is displayed on-screen.
2. Press ▲ once to select INSTALLATION and press ▶. The INSTALLATION menu appears.
3. Use ▲ ▼ to select a setting and ◀ ▶ to adjust.
   - LANGUAGE: to change the menu language.
   - COUNTRY: to select the country you are in (GB for Great Britain). This setting affects the automatic programme sort.
   - AUTOSTORE: press ▶ to begin storing. The operation takes a few minutes. When it is complete, the INSTALLATION menu reappears automatically. For more information, see the Quick Installation chapter, steps 3 to 5 on the previous page.
     To exit or interrupt the search, press MENU.
   - EXTERNAL: press ▶ to bring up the menu. You have access to a series of names which allow you to customise the names of the external sockets. When you next select an external socket, its chosen name will be displayed for a few seconds.
4. To exit from the menus, press ⏻.

Using other menus

To adjust a menu:

❶ Display the menu. ❷ Select a setting. ❸ Adjust.

Note: the menus disappear automatically after 30 seconds if no further adjustments are made. To exit from the menus, press ⊡ (or MENU to come back to the previous stage).

Adjusting the picture

Press MENU. You can adjust: **BRIGHTNESS, COLOUR, CONTRAST, SHARPNESS, TINT, CONTRAST+** and **NOISE RED.**.

- *SHARPNESS: alters the crispness of the image,*
- *TINT: alters the colour balance. There are 3 options: COLD (blue tint), NORMAL (balanced) or WARM (red tint).*
- *CONTRAST+: automatically adjusts the image contrast according to content (the darkest part of the image is always black).*
- *NOISE RED.: alleviates fuzziness (snowy picture). This setting is useful when reception is difficult.*

Adjusting the sound

Press MENU. You can adjust **DELTA VOL.** and, for stereo models only, **BALANCE, TREBLE, BASS** and **AVL.**

- *DELTA VOLUME (volume difference): allows you to compensate for the volume differences between the different programmes or the EXT sockets. This setting is available for programmes 1 - 40 and the EXT sockets.*
- *AVL (Automatic Volume Leveller): automatic volume control used to avoid sudden increases in volume, particularly when changing programme or during advertisements.*

Storing settings

You can store your own sound and picture settings.

❶ First carry out your menu settings.

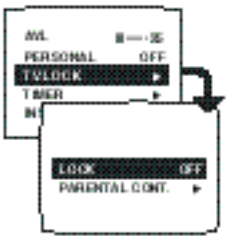
❷ Next, select **PERSONAL** and press ⊂⊃. The message **STORED** is displayed. The settings are stored.

Values are saved under PERSONAL in the Smart sound and picture controls (⊡ and ♪)

Note: volume and DELTA VOL. are automatically stored and do not need to be stored in the PERSONAL menu.

Locking the set

This function *(only available on certain models)* allows you to lock the set in order to limit its use completely or partially.

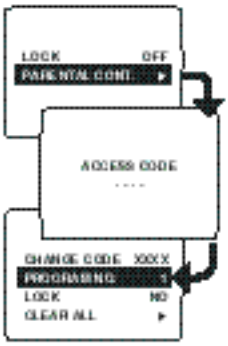


Key lock

1. Press MENU, select TV LOCK ( ) and press .
2. Set the LOCK to ON. The keys are locked.
3. Switch off the set and put the remote control out of sight. The set cannot be used (it can only be switched on using the remote control).
   To cancel: switch LOCK to OFF.

Programme lock

1. Press MENU, select TV LOCK ( ) and press .
2. Select PARENTAL CONT. and press .
3. Enter your confidential access code. The first time, enter the code 0711 then confirm by re-entering 0711. The menu appears.
4. Select PROGRAM NO. and use keys or 0 to 9 to enter the number of the programme or socket you wish to lock.
   To lock all of them, select ALL.
5. Select LOCK then YES.
6. Repeat stages 4 and 5 for each programme to be locked. You can lock 5 programmes separately.
7. Press to exit. To watch a programme which has been locked you will now need to enter the confidential code; otherwise the screen will remain blank.
   When a locked programme is displayed, use the − P + keys to access other programmes (the 0 9 keys are used to enter the code). Caution: in the case of encrypted programmes which use an external decoder, it is necessary to lock the corresponding EXT socket (and not the programme number).



To unlock all programmes

Repeat stages 1 - 3 above, then:

4. Select CLEAR ALL and press . All programmes are unlocked.

To change the confidential code

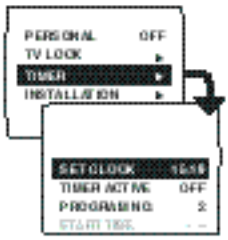
Repeat stages 1 - 3 above, then:

4. Select CHANGE CODE and enter your own 4-digit number.
5. Confirm by entering it again. Your new code will be stored.
   If you have forgotten your confidential code, enter the universal code 0711 twice.

To exit: press .

Timer function

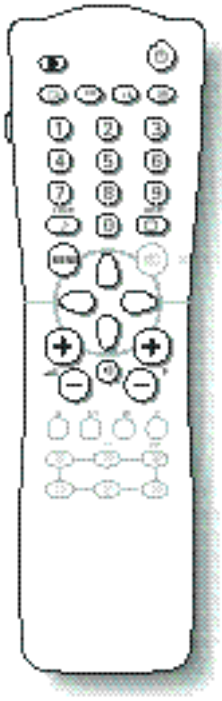
This function *(only available on certain models)* allows you to use your TV as an alarm clock.

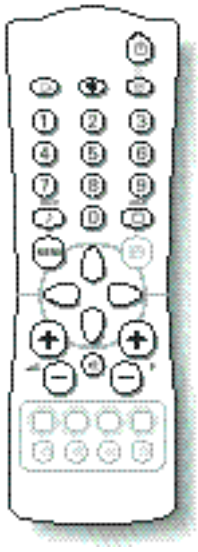


1. Press MENU, select TIMER ( ) and press .
2. The SET CLOCK menu appears. Enter the time (0 9 or).
   Important: the time is updated automatically each time the set is switched on using teletext information taken from programme 1. If programme 1 does not have teletext, the update will not take place.
3. Select TIMER ACTIVE and press to switch the timer on or off.
4. Select PROGRAM NO. and enter the number of the programme required.
5. Select START TIME and enter the time at which the set is to switch on.
6. Press to put the set into standby mode. It will switch on automatically at the programmed time. If you leave the set switched on, it will merely change programmes at the set time.
   The set switches off automatically after 4 hours if no further commands are given.

The keys on the remote control

Depending on the model, there are 2 different versions of the remote control.



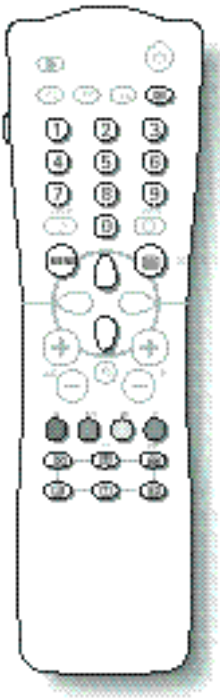


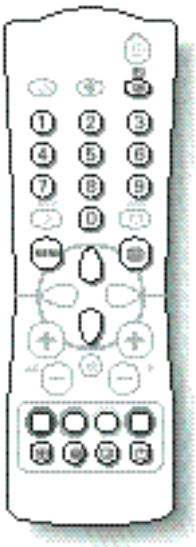
Press:	To obtain:
Standby	To set the TV to standby mode. The red indicator lights up. To switch the set back on, press P −, P + or 0 to 9.
Select Programme	Brings up the previous or following programme.
Numerical Keys	For direct access to programmes For a 2-digit programme number, the second digit must be entered before the dash disappears. *On certain programmes, the title of the programme is displayed for a few seconds at the bottom of the screen. To view a programme which has been locked, you must enter the confidential code number (see p. 6).*
Screen Information	Hold down for 5 seconds to permanently display the programme number. Press quickly to display or remove the programme number, the time and the sound mode (stereo models only).
Volume	To adjust the sound level.
Mute	To disable or enable the sound.
Smart sound controls	To access a series of settings: CINEMA, MUSIC, SPEECH and return to PERSONAL.
Smart picture controls	To access a series of settings: RICH (when the room is very light), NATURAL (optimum conditions), SOFT (when the room is very dark) and return to PERSONAL.
Menu	To call up or exit from the menus. Use ▲ ▼ and ◀ ▶ to adjust. *The menus disappear automatically after 30 seconds if no further command is given.*
Select EXT sockets	Press several times to select EXT sockets (see p.9).
Timer	To select an automatic standby period (from 0 to 240 minutes).
*** Screen Format**	The ▲ key allows the picture to be enlarged vertically to get rid of the black bands around cinema-format films. The ▼ key allows the picture to be compressed vertically (16:9 format).
*** Incredible Surround**	Activates/deactivates the surround sound effect. In stereo, this gives the impression of the loudspeakers being further apart. In mono, a stereo spatial effect is simulated.
*** Sound Mode**	To switch from STEREO (and NICAM STEREO) programmes to MONO or, for bilingual transmissions, to choose between DUAL I and DUAL II (and NICAM DUAL I, NICAM DUAL II and mono). *NICAM is a process by which sound is transmitted as a digital quality.*

** Only available on certain models.*

Teletext

Teletext is an information system, broadcast by certain channels, which can be read like a newspaper. It also provides subtitles for people with hearing difficulties or those who are unfamiliar with the language in which a particular programme is being broadcast (cable networks, satellite channels, etc.).





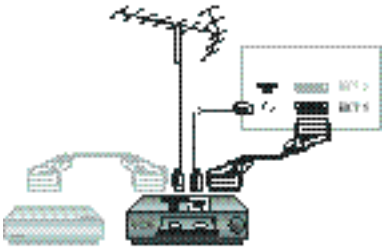
Press:	To obtain:
Switch teletext on/off	To call up or exit from teletext. At first, the main index page appears with a list of the items available. Each page has a corresponding 3-figure number. *If the selected channel does not broadcast teletext, 100 will appear and the screen will remain blank (in this case, exit from teletext and choose another channel).*
Selecting a teletext page	Use keys 0 to 9 or ▲ ▼ to enter the page number required. For example: for page 120, press 1 2 0. The number is displayed in the top left-hand corner, the page counter starts searching and the page is displayed. Repeat the procedure to consult another page. *If the counter continues searching, this means that the selected page is not broadcast. Choose another number.*
Direct access to subject headings	Coloured zones are displayed at the bottom of the screen. The 4 coloured keys give access to the corresponding subjects or pages. *The coloured zones flash when the subject or the page is not yet available.*
***Temporary on/off**	To switch teletext temporarily on or off.
Page enlargement	Press this key to display the upper, then lower part of the screen, and then to return to the normal page size.
Stop the sequence of sub-pages	Some pages contain sub-pages which follow on automatically from one another. This key allows sub-page sequence to be enabled or disabled. The # sign appears in the top left hand corner.
Overlaying text on the TV picture	To activate or deactivate screen overlay.
Reveal	Use this key to reveal/conceal hidden information (answers to puzzles).
***Table of contents**	To return to the table of contents (normally page 100).
Favourite pages *(available only on certain models)*	For teletext programmes 1 to 41, you can store 4 favourite pages which you can then access via the coloured keys ●. ❶ Press MENU. ❷ Enter the number of the page required. ❸ Press i+ii then the coloured key ● of your choice. The page is stored. ❹ Repeat steps ❷ and ❸ for the other coloured keys. ❺ From now on, when you consult teletext, your favourite pages appear in colour at the bottom of the screen. To get back to the normal subject headings, press MENU. *To remove these settings, hold i+ii down for 3 seconds.*

** Only available with the remote control shown above.*

Connecting other appliances

Depending on the model, the TV is equipped with 1 or 2 euroconnector sockets, EXT1 and EXT2.
The EXT1 socket controls audio video input/output and RGB input.
The EXT2 socket (if available) controls audio video input/output and S-VHS input.

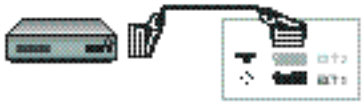
Video recorder



Video recorder (only)
Connect as shown using a good quality euroconnector cable.
If your video recorder does not have a euroconnector socket, the only connection possible is via the aerial cable. You will therefore need to tune in your video recorder test signal and assign it programme number 0 (see manual store, p. 4). To reproduce the video recorder picture, press 0.

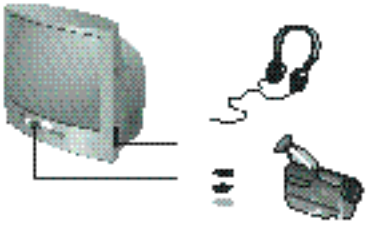
Video recorder with decoder
Connect the decoder to the second euroconnector on the video recorder. You can then record scrambled transmissions.

Other equipment



Satellite receiver, decoder, DVD, games, etc.
For sets equipped with two euroconnector sockets, it is best to connect the equipment which produces RGB signals (digital decoder, DVD drives, games, etc.) to EXT1 and the equipment which produces S-VHS signals (S-VHS and Hi-8 video recorders) to EXT2.

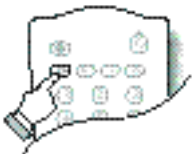
Front panel connections



Depending on the model, sockets are on the front (sometimes under a flap) or on the right-hand side of the set.

Headphones
When the earphones are plugged in, the sound on the set is cut off. Adjust the volume using the − ◿ + keys.
The headphones must have an impedance of between 32 and 600 ohms.

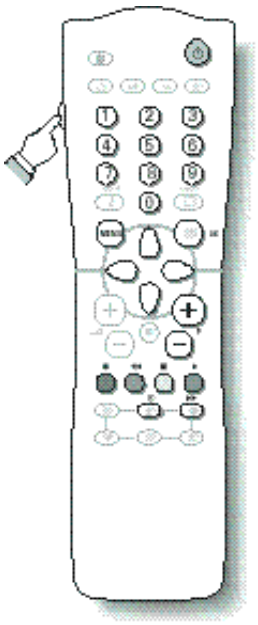
Camcorder
Certain models are equipped with AUDIO/VIDEO connections. You will find 1 video input + 1 sound input (mono versions) or 2 sound inputs left (L) and right (R) on stereo versions. Make the connections, then use the ⇨ key to select EXT (or EXT2 for models with 2 euroconnector sockets). The switch between the front and rear sockets is automatic with priority on front sockets.
For a monophonic camera, connect the sound signal to the AUDIO L input. Use the I-II key to reproduce the sound through the left and right TV speakers.



To select connected equipment

Press ⇨ to select EXT(1) and, on models with 2 euroconnector sockets: EXT2 and Y/C2 (S-VHS signal on EXT2).
The switch is automatic on most appliances (decoders, etc.).

Video recorder key



The VCR key, on the side of the remote control, controls the main functions of the video recorder. This key is only available on the remote control shown opposite.

For the following commands, press VCR and:

- standby,
- 0 / 9 enter a number,
- MENU bring up the video recorder menu*,
- select*,
- set*,
- OK confirm*.
- P select programme,
- ● record,
- ◀◀ rewind,
- ■ stop,
- ▶ play,
- ▶▶ fast forward,
- programming*,

• *Some programming features are not available on all video recorders (cursors, menu, OK key, etc.).*

The video recorder is compatible with our own-brand video recorders as well as with all the models using the RC5 standard.

Tips

Poor reception or no picture

The proximity of mountains or high buildings can cause ghost pictures, echoing or shadows. If this is the case, try tuning the picture using FINE TUNE (p. 4).

Do you have the right system (p. 4)?

Check that the aerial plug or euroconnector plug is properly connected.

Check also that your aerial is capable of receiving broadcasts in this frequency range (UHF or VHF).

Adjusting the picture

If the picture is out of focus, or if you are having difficulties finding the right settings, select one of the Smart picture controls (p. 7) and store it using the PERSONAL setting (p.5).

In case of bad reception (fuzzy picture), set the NOISE RED to ON: p. 5.

The picture is in black and white

To read a video cassette, check that it is recorded in the same format as that of the video recorder (PAL, SECAM or NTSC).

No sound

If certain programmes have a picture but no sound, this is because you do not have the correct TV system (see p. 4).

Standby

When you switch on the set, if it remains in standby mode and the LOCKED message is displayed, this means that the LOCK function is activated (p. 5).

The set switches automatically to standby if it receives no signals for a period of 15 minutes. When it is in standby mode, the set uses energy. To save electricity, we advise you to switch it off using the on-off button.

Still having problems?

If the set breaks down, never try to repair it yourself. Consult your after-sales service department instead.

Information for users in the UK *(Not applicable outside the UK)*

Positioning the TV
For the best results, choose a position where light does not fall directly on the screen, and at some distance away from radiators or other sources of heat. Leave a space of at least 5 cm all around the TV for ventilation, making sure that curtains, cupboards etc. cannot obstruct the air flow through the ventilation apertures.
The TV is intended for use in a domestic environment only and should never be operated or stored in excessively hot or humid atmospheres.

General Points
Please take note of the section entitled 'Tips' at the end of this booklet.

Interference
The Department of Trade and Industry operates a Radio Interference Investigation Service to help TV licence holders improve reception of BBC and IBA programmes where they are being spoilt by interference.
If your dealer cannot help, ask at a main Post Office for the booklet "How to Improve Television and Radio Reception".

Mains connection
Before connecting the TV to the mains, check that the mains supply voltage corresponds to the voltage printed on the type plate on the rear panel of the TV. If the mains voltage is different, consult your dealer.

Important
This apparatus is fitted with an approved moulded 13 Amp plug. To change a fuse in this type of plug proceed as follows:
1. Remove fuse cover and fuse.
2. Fit new fuse which should be a BS1362 5A, A.S.T.A. or BSI approved type.
3. Refit the fuse cover.

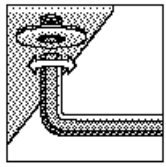
If the fitted plug is not suitable for your socket outlets, it should be cut off and appropriate plug fitted in its place.
If the mains plug contains a fuse, this should have a value of 5A.
If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5A.
Note: The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13A socket elsewhere.

How to connect a plug
The wires in the mains lead are coloured in accordance with the following code : BLUE - "NEUTRAL" ("N")
BROWN - "LIVE" ("L")
1. The BLUE wire must be connected to the terminal which is marked with the letter "N" or coloured BLACK.
2. The BROWN wire must be connected to the terminal which is marked with the letter "L" or coloured RED.
3. Do not connect either wires to the earth terminal in the plug which is marked by the letter "E" or by the safety earth symbol ⏚ or coloured green or green-and-yellow.

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

Connecting the aerial
The aerial should be connected to the socket marked ⊓⊓ at the back of the set. An inferior aerial is likely to result in a poor, perhaps unstable picture with ghost images and lack of contrast. Make-shift loft or set-top aerials are often inadequate. Your dealer will know from experience the most suitable type for your locality.
Should you wish to use the set in conjunction with other equipment, which connects to the aerial socket such as TV games, or a video camera it is recommended that these be connected via a combiner unit to avoid repeated connection and disconnection of the aerial plug.

Fitting the stand (if provided)
Use only the stand provided with the set, making sure that the fixings are properly tightened. A diagram showing how to assemble the stand is packed in the castor bag. Never use a make-shift stand, or legs fixed with woodscrews.
In some models only, in order to fit the stand it may be necessary to remove the feet with the key provided (see illustration).



To fit the stand remove the feet on the TV using the key supplied (see illustration).

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